APDDetectorCtrl Tango Cpp Class

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APDDetectorCtrl Class Identification :

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Class Family	: Instrumentation
Platform	: All Platforms
Bus	: Socket
Manufacturer	: FMB Oxford
Manufacturer ref.	: ADP ACE Electronics

APDDetectorCtrl Class Inheritance :

- Tango::DeviceImpl
  - APDDetectorCtrl

APDDetectorCtrl Class Description :

Socket connection to the APD detector.
The commands are implemented for NOECHO mode, in case ECHO is active, send a command `NOECHO` to the device for deactivating it.

APDDetectorCtrl Properties :

There is no class properties

Device Properties			
Name	**Description**	**Type**	**Default Value**
PortNb	RS232 Port Number	int	10010
IpAddr	Ip address of the terminal server	String	none
SimulationMode	0 -> real mode, 1 -> simulation mode	int	0

APDDetectorCtrl Class Commands				
Name	**Input type**	**Output type**	**Level**	**Description**
State	DEV_VOID	DEV_STATE	OPERATOR	This command gets the device state (stored in its *device_state* data member) and returns it to the caller.
Status	DEV_VOID	CONST_DEV_STRING	OPERATOR	This command gets the device status (stored in its *device_status* data member) and returns it to the caller.
WriteSocket	DEV_STRING	DEV_VOID	OPERATOR	Sends a command to the Socket. It works for NOECHO mode, if ECHO is active, send the command `NOECHO` to the

				device for deactivating it.
WriteReadSocket	DEV_STRING	DEV_STRING	OPERATOR	Writes a command to the socket and gets the answer. It works for NOECHO mode, if ECHO is active, send the command `NOECHO` to the device for deactivating it.
CloseSocket	DEV_VOID	DEV_VOID	OPERATOR	Close socket connection.

Command State :

This command gets the device state (stored in its *device_state* data member) and returns it to the caller.

State Definition		
Input Argument	Tango::DEV_VOID	none.
Output Argument	Tango::DEV_STATE	State Code
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command Status :

This command gets the device status (stored in its *device_status* data member) and returns it to the caller.

Status Definition		
Input Argument	Tango::DEV_VOID	none.
Output Argument	Tango::CONST_DEV_STRING	Status description
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command WriteSocket :

Sends a command to the Socket. It works for NOECHO mode,
if ECHO is active, send the command `NOECHO` to the device
for deactivating it.

WriteSocket Definition		
Input Argument	Tango::DEV_STRING	Command
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command WriteReadSocket :

Writes a command to the socket and gets the answer. It works for NOECHO mode, if ECHO is active, send the command `NOECHO` to the device for deactivating it.

WriteReadSocket Definition		
Input Argument	Tango::DEV_STRING	Command
Output Argument	Tango::DEV_STRING	Answer
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command CloseSocket :

Close socket connection.

CloseSocket Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

There is no attribute defined.

There is no dynamic attribute defined.

APDDetectorCtrl Class States	
Name	**Description**
ON	Connection open.
FAULT	Problems in connection.